Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1743mxc

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAplus records now contain indexing from 1907 to the present
NEWS 4	DEC 08	INPADOC: Legal Status data reloaded
NEWS 5	SEP 29	DISSABS now available on STN
NEWS 6	OCT 10	PCTFULL: Two new display fields added
NEWS 7	OCT 21	BIOSIS file reloaded and enhanced
NEWS 8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9	NOV 24	MSDS-CCOHS file reloaded
NEWS 10	DEC 08	CABA reloaded with left truncation
NEWS 11	DEC 08	IMS file names changed
NEWS 12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS 13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14	DEC 17	DGENE: Two new display fields added
NEWS 15	DEC 18	BIOTECHNO no longer updated
NEWS 16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19	DEC 22	ABI-INFORM now available on STN
NEWS 20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 22	FEB 05	German (DE) application and patent publication number format changes
NEWS 23	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS 24	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS 25	MAR 03	FRANCEPAT now available on STN

NEWS EXPRESS	MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:33:06 ON 08 MAR 2004

=> FIL STNGUIDE
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'STNGUIDE' ENTERED AT 08:33:09 ON 08 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 5, 2004 (20040305/UP).

=> file registry
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	0.27

FILE 'REGISTRY' ENTERED AT 08:33:19 ON 08 MAR 2004
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COPYRIGHT (C) 2004 American Chemical Society (ACS)

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provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1
DICTIONARY FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

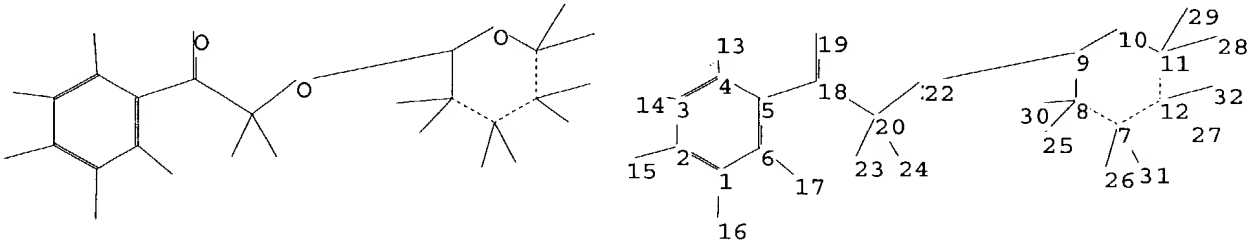
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\09883409.str

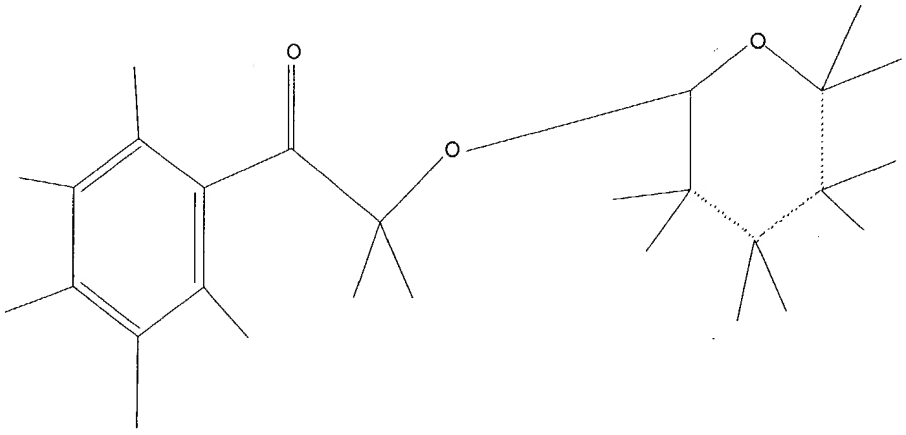


chain nodes :
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-16 2-15 3-14 4-13 5-18 6-17 7-26 7-31 8-25 8-30 9-22 11-28 11-29
12-27 12-32 18-19 18-20 20-21 20-23 20-24
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
7-8 7-12 8-9 9-10 10-11 11-12 18-19 20-21
exact bonds :
1-16 2-15 3-14 4-13 5-18 6-17 7-26 7-31 8-25 8-30 9-22 11-28 11-29
12-27 12-32 18-20 20-23 20-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 08:34:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> s l1 sss sam

```
SAMPLE SEARCH INITIATED 08:34:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      1 TO ITERATE

100.0% PROCESSED       1 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            1 TO       80
PROJECTED ANSWERS:               0 TO        0

L3            0 SEA SSS SAM L1

=> log y
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     157.10     157.37

STN INTERNATIONAL LOGOFF AT 08:36:29 ON 08 MAR 2004


Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:ssspta1743mxc

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  SEP 09   CA/CAplus records now contain indexing from 1907 to the
                   present
 NEWS  4  DEC 08   INPADOC: Legal Status data reloaded
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 NEWS  6  OCT 10   PCTFULL: Two new display fields added
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                   in REGISTRY
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                   available
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                   CA/CAplus
 NEWS 22  FEB 05   German (DE) application and patent publication number format
```

changes
NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded
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NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:39:21 ON 08 MAR 2004

=> file registry
COST IN U.S. DOLLARS SINCE FILE ENTRY 0.21 TOTAL SESSION 0.21
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:39:29 ON 08 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1
DICTIONARY FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

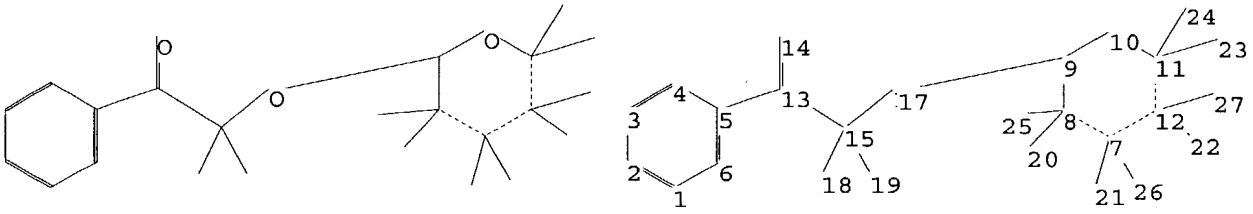
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\09883409a.str



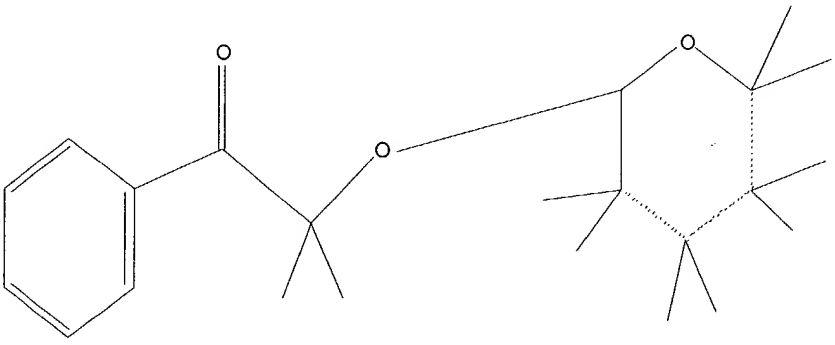
chain nodes :
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-14 13-15 15-16
15-18 15-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
7-8 7-12 8-9 9-10 10-11 11-12 13-14 15-16
exact bonds :
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-15 15-18 15-19

normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

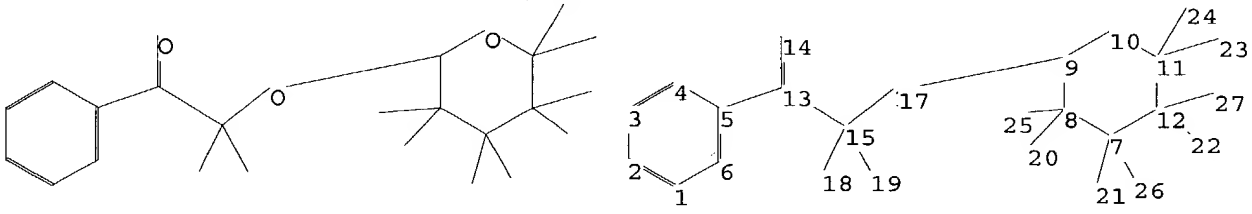
=> s l1 sss full

FULL SEARCH INITIATED 08:40:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\09883409b.str



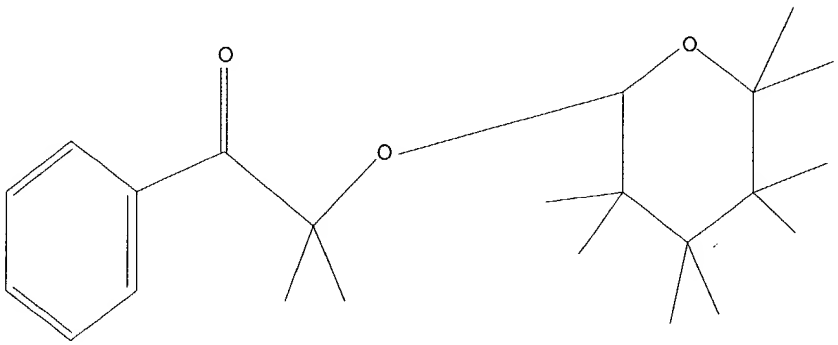
chain nodes :
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-14 13-15 15-16
15-18 15-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
7-8 7-12 8-9 9-10 10-11 11-12 13-14 15-16
exact bonds :
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-15 15-18 15-19

normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



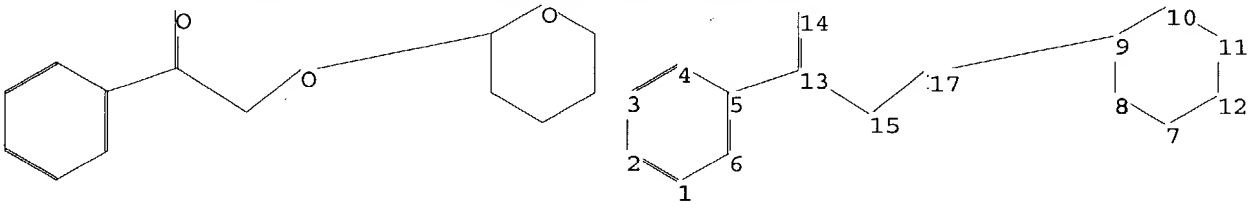
Structure attributes must be viewed using STN Express query preparation.

```
=> s l3 sss full
FULL SEARCH INITIATED 08:41:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      25 TO ITERATE

100.0% PROCESSED       25 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

L4              0 SEA SSS FUL L3

=>
Uploading C:\Program Files\Stnexp\Queries\09883409c.str
```

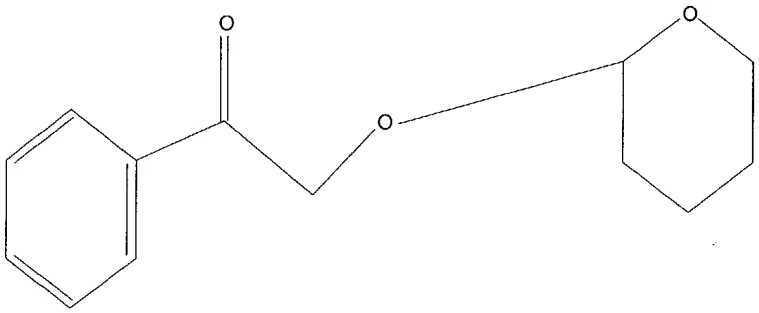


```
chain nodes :
13  14  15  16  17
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12
chain bonds :
5-13  9-17  13-14  13-15  15-16
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  7-12  8-9  9-10  10-11  11-12
exact/norm bonds :
7-8  7-12  8-9  9-10  10-11  11-12  13-14  15-16
exact bonds :
5-13  9-17  13-15
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS
```

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l5 sss sam
SAMPLE SEARCH INITIATED 08:43:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3168 TO ITERATE

31.6% PROCESSED 1000 ITERATIONS 10 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 59985 TO 66735
PROJECTED ANSWERS: 296 TO 970

L6 10 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 08:43:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 61889 TO ITERATE

100.0% PROCESSED 61889 ITERATIONS 310 ANSWERS
SEARCH TIME: 00.00.01

L7 310 SEA SSS FUL L5

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 467.94 468.15

FILE 'CAPLUS' ENTERED AT 08:43:35 ON 08 MAR 2004
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of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 8 Mar 2004 VOL 140 ISS 11
FILE LAST UPDATED: 5 Mar 2004 (20040305/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

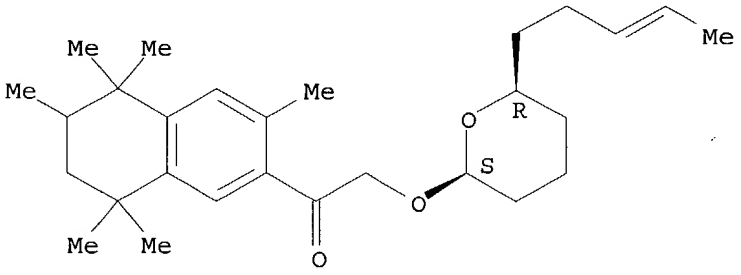
=> s l7
L8 171 L7

=> s l8 and (fragran? or perfum? or precursor?)
12008 FRAGRAN?
30314 PERFUM?
270805 PRECURSOR?
L9 4 L8 AND (FRAGRAN? OR PERFUM? OR PRECURSOR?)

=> d l9 hitstr, ibib, iabs 1-4

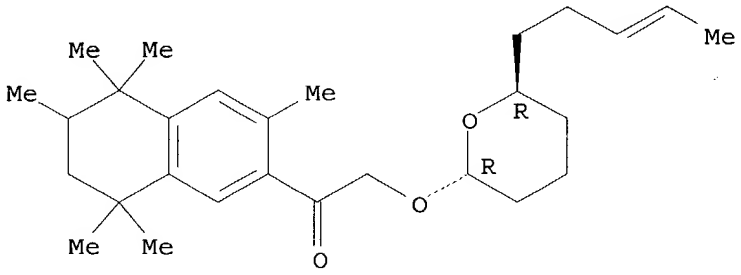
L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
IT **385374-68-5P 385374-69-6P 385374-70-9P**
385374-71-0P
RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of **fragrance precursors**)
RN 385374-68-5 CAPLUS
CN Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-2-[[(2R,6S)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



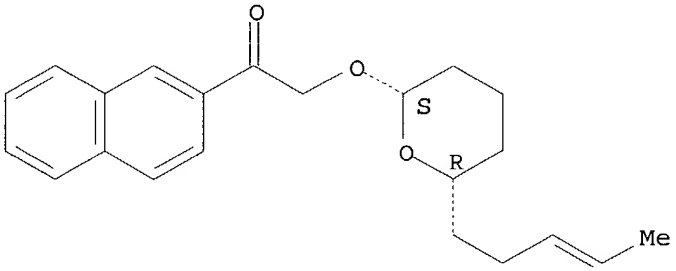
RN 385374-69-6 CAPLUS
CN Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-2-[[(2R,6R)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



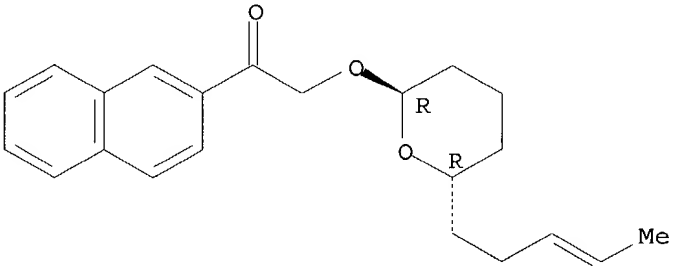
RN 385374-70-9 CAPLUS
CN Ethanone, 1-(2-naphthalenyl)-2-[[(2R,6S)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 385374-71-0 CAPLUS
CN Ethanone, 1-(2-naphthalenyl)-2-[[(2R,6R)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



ACCESSION NUMBER: 2002:9972 CAPLUS
DOCUMENT NUMBER: 136:74334
TITLE: Preparation of **fragrance precursors**
INVENTOR(S): Gautschi, Markus; Plessis, Caroline; Derrer, Samuel
PATENT ASSIGNEE(S): Givaudan S.A., Switz.
SOURCE: Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

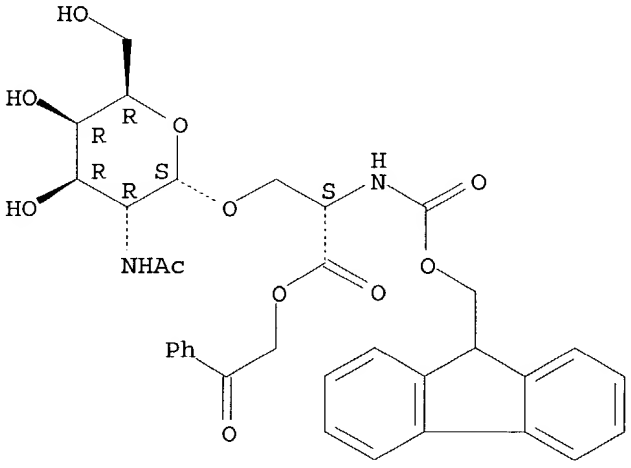
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 1167362 A1 20020102 EP 2000-111981 20000619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
ZA 2001002924 A 20011011 ZA 2001-2924 20010409
JP 2002020783 A2 20020123 JP 2001-158193 20010528
CN 1330070 A 20020109 CN 2001-121039 20010615
US 2002035055 A1 20020321 US 2001-883409 20010618
BR 2001002430 A 20020219 BR 2001-2430 20010619
PRIORITY APPLN. INFO.: EP 2000-111981 A 20000619
OTHER SOURCE(S): MARPAT 136:74334
ABSTRACT:
The present invention refers to **fragrance precursors** of cyclic phenacyl acetals for **fragrant** ketones and **fragrant** lactones. These **fragrance precursors** are useful in ***perfumery*** , especially in the fine and functional **perfumery.** Thus, cyclic phenacyl acetals were prepared by the treatment of corresponding bromo acetophenones with sodium formate in aqueous EtOH, followed by the reaction with cyclic vinyl ethers. Photolysis of these acetals released **fragrant** aryl lactones and lactones.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

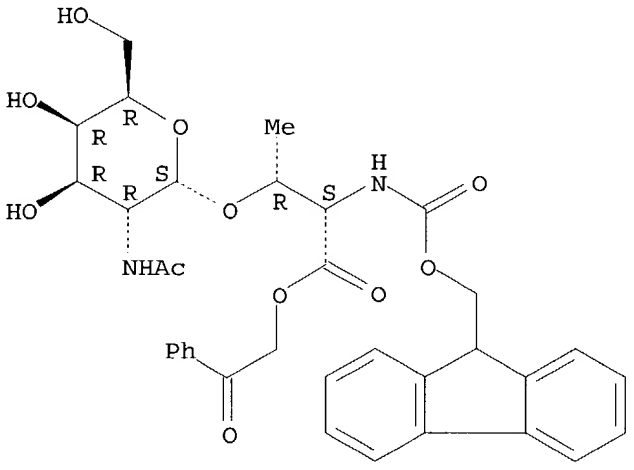
L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
IT **188245-72-9P 188245-73-0P 188245-74-1P**
188245-75-2P 188245-80-9P 188245-81-0P
188245-82-1P 188245-83-2P 188245-84-3P
188245-85-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of novel glycosyl donor for synthesis of cancer specific core 5 and sialyl core 5 as glycopeptide building blocks)
RN 188245-72-9 CAPLUS
CN L-Serine, O-[2-(acetylamino)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



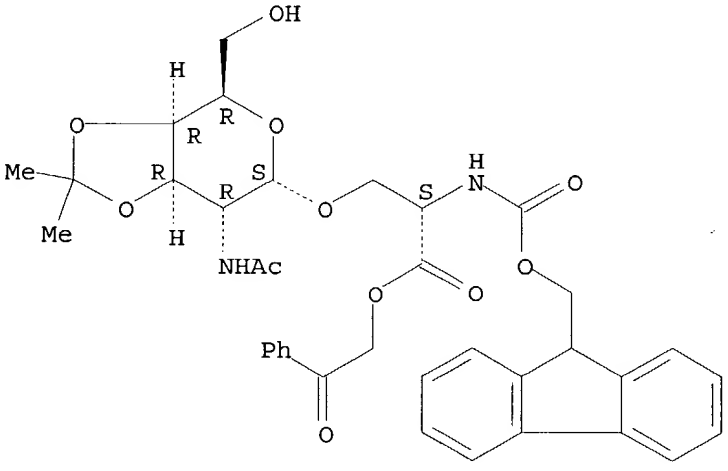
RN 188245-73-0 CAPLUS
CN L-Threonine, O-[2-(acetylamino)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



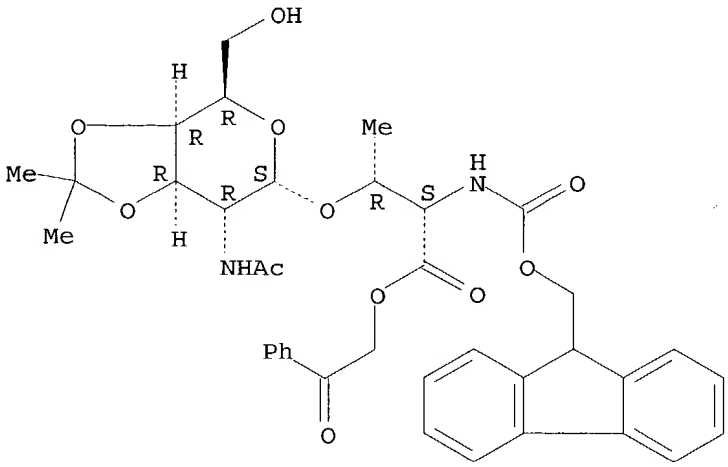
RN 188245-74-1 CAPLUS
CN L-Serine, O-[2-(acetylamino)-2-deoxy-3,4-O-(1-methylethylidene)-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 188245-75-2 CAPLUS
CN L-Threonine, O-[2-(acetylamino)-2-deoxy-3,4-O-(1-methylethylidene)-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

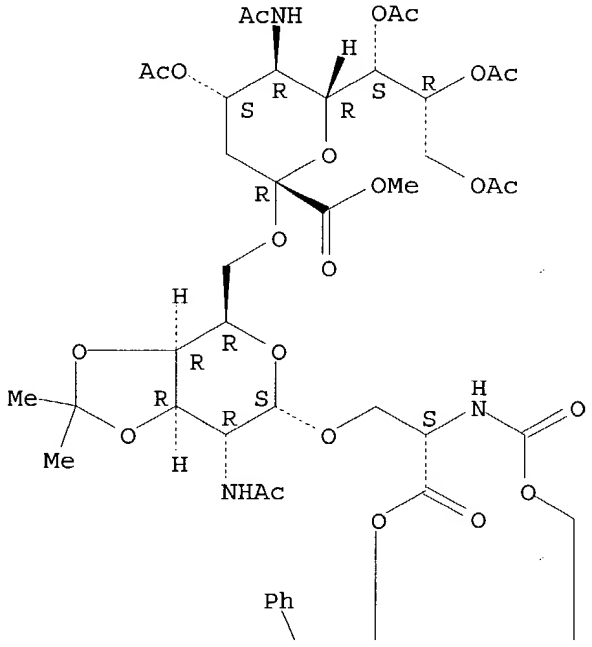
Absolute stereochemistry.



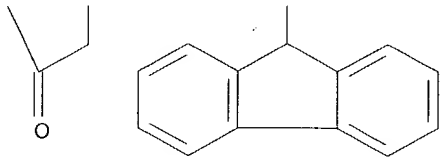
RN 188245-80-9 CAPLUS
CN L-Serine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl)-2-deoxy-3,4-O-(1-methylethylidene)-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



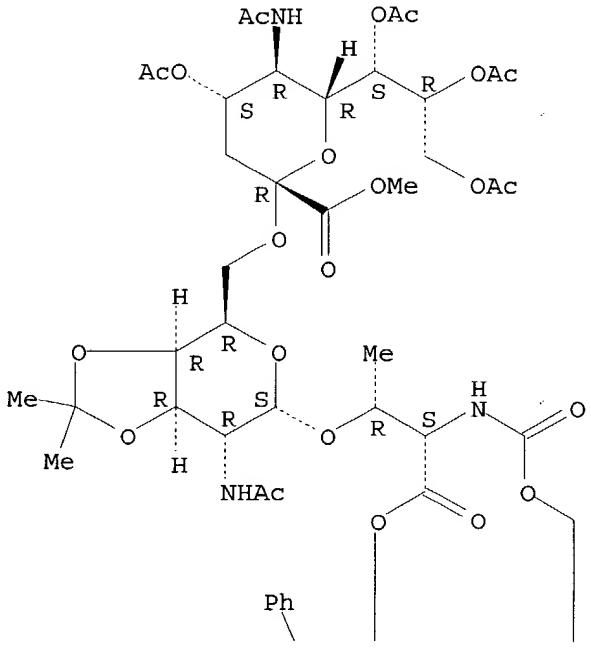
PAGE 2-A



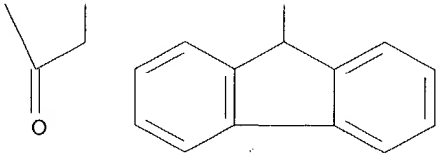
RN 188245-81-0 CAPLUS
CN L-Threonine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl)-2-deoxy-3,4-O-(1-methylethylidene)-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



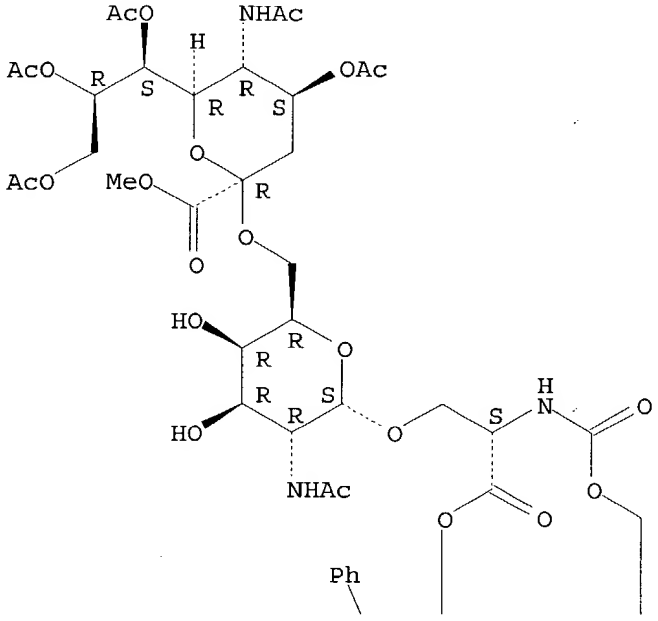
PAGE 2-A



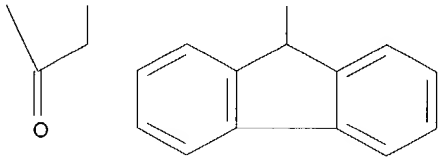
RN 188245-82-1 CAPLUS
CN L-Serine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

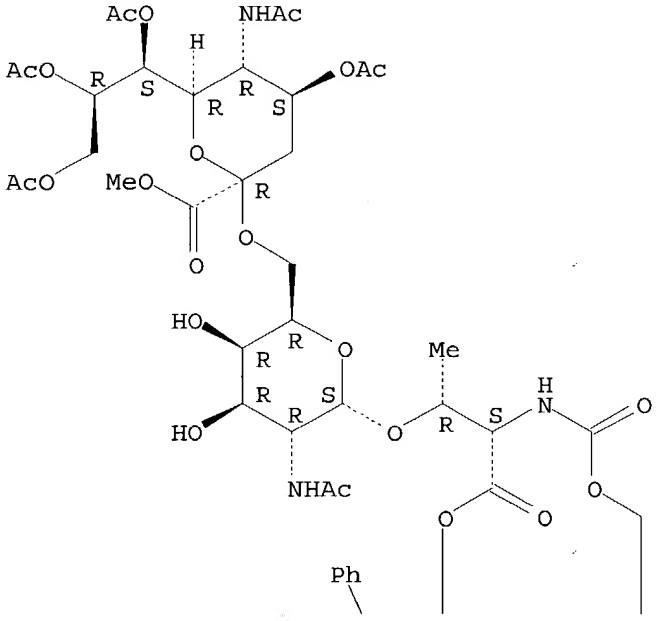


RN 188245-83-2 CAPLUS

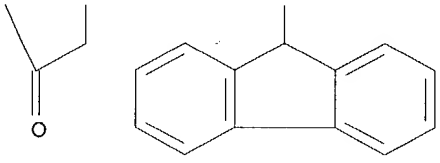
CN L-Threonine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

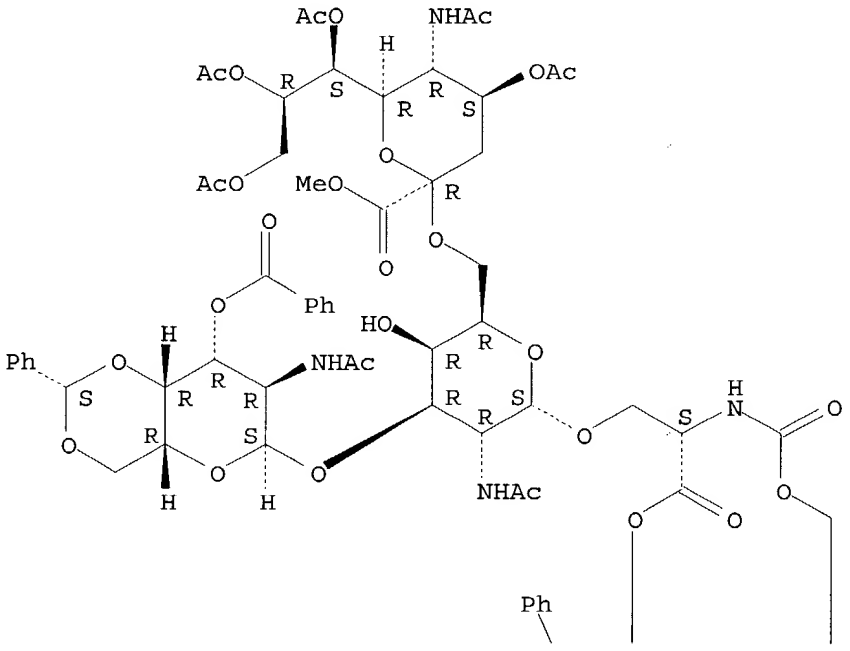


RN 188245-84-3 CAPLUS

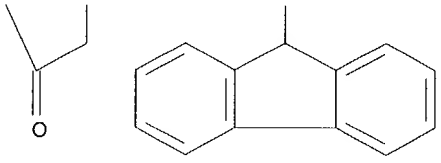
CN L-Serine, O-[O-2-(acetylamino)-3-O-benzoyl-2-deoxy-4,6-O-[(S)-phenylmethylene]-α-D-galactopyranosyl-(1→3)-O-[N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl-(2→6)]-2-(acetylamino)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

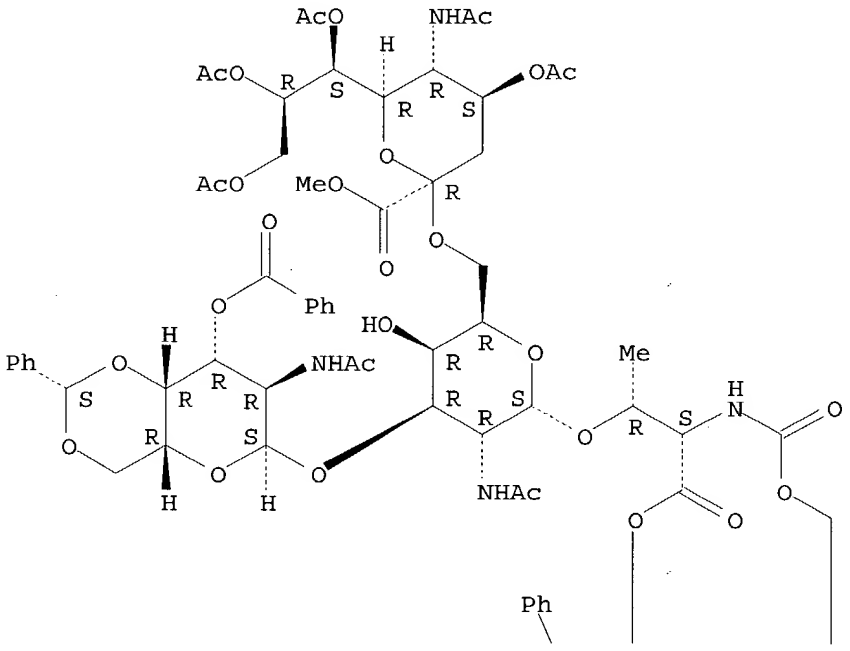


RN 188245-85-4 CAPLUS

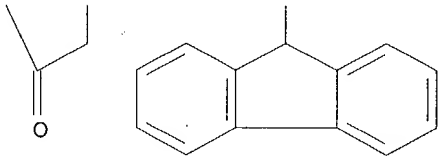
CN L-Threonine, O-[O-2-(acetylamino)-3-O-benzoyl-2-deoxy-4,6-O-[(S)-phenylmethylene]-α-D-galactopyranosyl-(1→3)-O-[N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl-α-neuraminosyl-(2→6)]-2-(acetylamino)-2-deoxy-α-D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

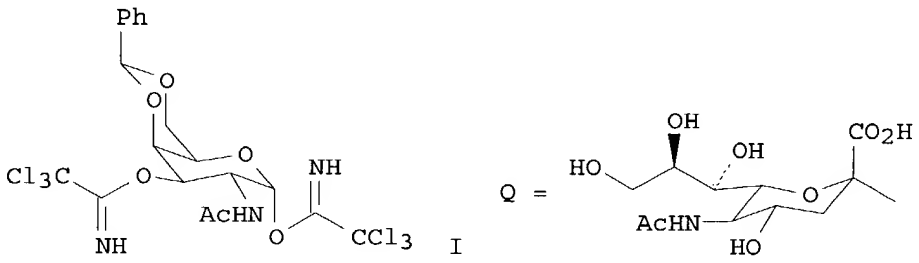
PAGE 1-A

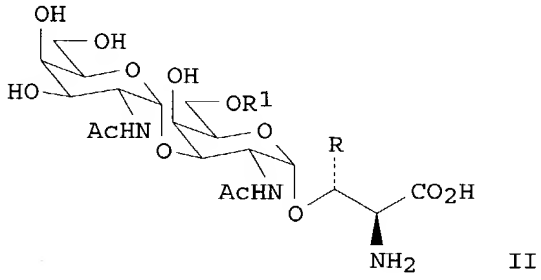


PAGE 2-A



ACCESSION NUMBER:	1997:114546 CAPLUS
DOCUMENT NUMBER:	126:225518
TITLE:	A novel glycosyl donor for the synthesis of cancer specific core 5 and sialyl core 5 as glycopeptide building blocks
AUTHOR(S):	Qiu, Dongxu; Koganty, R. Rao
CORPORATE SOURCE:	Biomira Inc., Edmonton, AB, T6N 1H1, Can.
SOURCE:	Tetrahedron Letters (1997), 38(6), 961-964 CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER:	Elsevier
DOCUMENT TYPE:	Journal
LANGUAGE:	English
OTHER SOURCE(S):	CASREACT 126:225518
GRAPHIC IMAGE:	



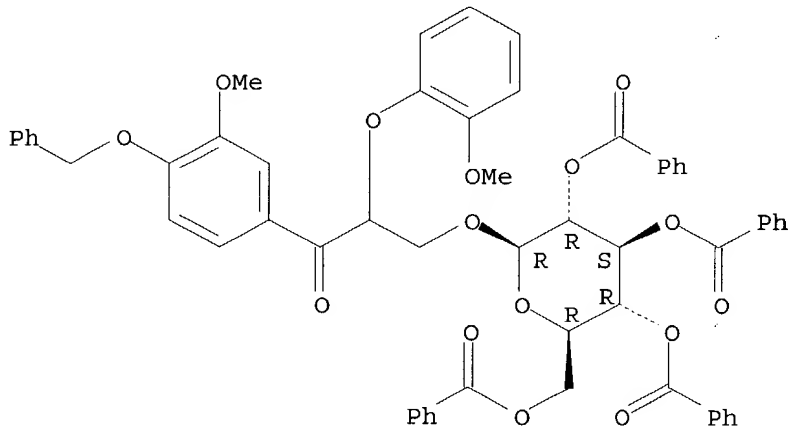


ABSTRACT:
Trichloroacetimidate at positions 1 and 3 of benzylidenegalactosamine I serves as a leaving group for glycosylation and a selective and acid sensitive protecting group, resp. Versatile donor I, while forming exclusive α-glycoside with protected Ser and Thr derivs., serves as a facile ***precursor*** to 3-OH which can be generated in acid medium without affecting the 4,6-acetal protecting group or the protecting groups of Ser or Thr. Synthesis of cancer-associated carbohydrate Core 5 II (R = H, Me, R1 = H) and its sialylated analog II (R1 = Q) are accomplished through the use of donor I.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
IT **173426-81-8**
RL: RCT (Reactant); RACT (Reactant or reagent)
(complete threo-stereoselectivity of diisopinocampheylchloroborane reductant for preparation of β-O-4 lignin model dimers)
RN 173426-81-8 CAPLUS
CN 1-Propanone, 2-(2-methoxyphenoxy)-1-[3-methoxy-4-(phenylmethoxy)phenyl]-3-[(2,3,4,6-tetra-O-benzoyl-β-D-glucopyranosyl)oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



ACCESSION NUMBER: 1996:36953 CAPLUS
DOCUMENT NUMBER: 124:149005
TITLE: Complete threo-stereoselectivity for the preparation of β-O-4 lignin model dimers
AUTHOR(S): Helm, Richard F.; Li, Kaichang
CORPORATE SOURCE: Department Wood Science Forest Products, Virginia Polytechnic Institute State University, Blacksburg, VA, USA
SOURCE: Holzforschung (1995), 49(6), 533-6
CODEN: HOLZAZ; ISSN: 0018-3830
PUBLISHER: de Gruyter
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:
Reduction of the α-ketone of several β-O-4 lignin model ***precursors*** with the asym. reductant diisopinocampheylchloroborane (DIP-chlorideTM) provides the threo isomers in 80% yield and >98% purity. Although this reductant is available in two chiral forms, no enantioselectivity was observed

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
IT **160564-03-4**
RL: PRP (Properties)
(preparation of)
RN 160564-03-4 CAPLUS
CN 1,4-Cyclohexadiene-1-acetic acid, 3-β-D-glucopyranosyl-α-(3-β-D-glucopyranosyl-2,3,6-trihydroxy-5-[3-(4-hydroxyphenyl)-1-oxo-2-propenyl]-4-oxo-1,5-cyclohexadien-1-yl)-2,3,4-trihydroxy-5-[3-(4-hydroxyphenyl)-1-oxo-2-propenyl]-6-oxo-, 2-(4-hydroxyphenyl)-2-oxoethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

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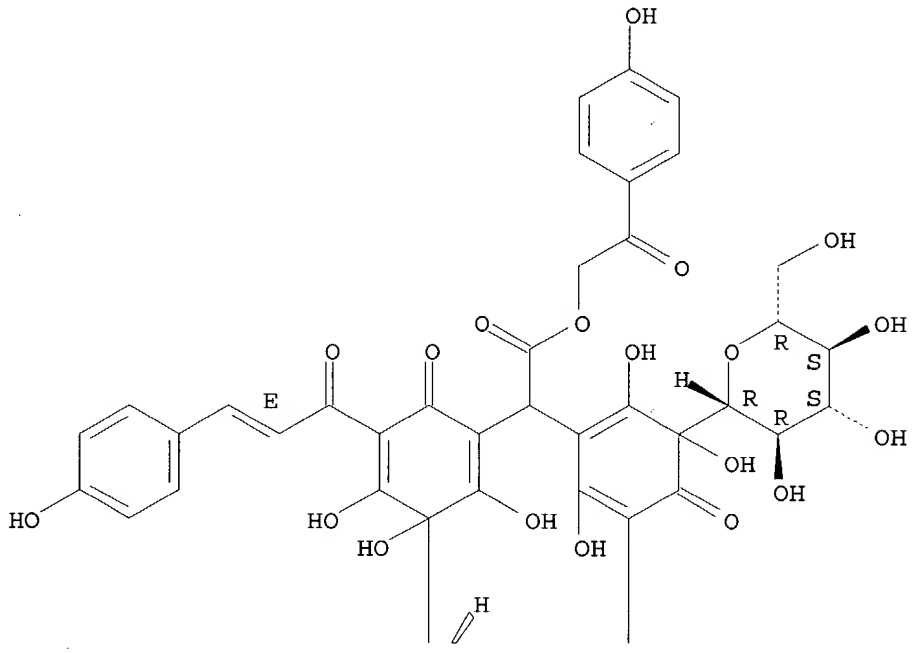

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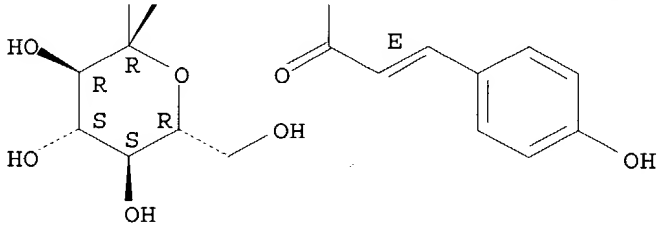

ACCESSION NUMBER: 1995:262890 CAPLUS
DOCUMENT NUMBER: 122:101607
TITLE: **Precursor** of carthamin, a constituent of safflower
AUTHOR(S): Kumazawa, Toshihiro; Sato, Shingo; Kanenari, Daisuke; Kunimatsu, Akira; Hirose, Ryoji; Matsuba, Shigeru; Obara, Heitaro; Suzuki, Masanobu; Sato, Masaya; Onodera, Jun-ichi
CORPORATE SOURCE: Fac. Eng., Yamagata Univ., Yonezawa, 992, Japan
SOURCE: Chemistry Letters (1994), (12), 2343-4
CODEN: CMLTAG; ISSN: 0366-7022
PUBLISHER: Nippon Kagakkai
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT:

Precursor of carthamin was isolated from the flower of Carthamus tinctorius L. (safflower) and its structure was characterized on the basis of spectroscopic anal. and by comparing its properties with those of synthetic model compound

=> log y

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